



ADM setup "digital cross connect"

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Did you mean: **Acmsetup "digital cross connect"**N SandesaraT WuW ChinI KaminowC Grant**Full service network - group of 2 »**

GA Farry, JA Bigham, KR Brooks, AH Lucas Jr, CE O' ... - US Patent 5,818,511, 1998 - Google Patents

... Another may be an ATM video switch. Another may be a **digital cross connect** switch. ... then manages the **setup** of the desired serv ice(s) for the FIG. ...Cited by 63 - Related Articles - Web Search**Self-healing meshed network using logical ring structures - group of 3 »**

NB Sandesara - US Patent 5,327,427, 1994 - Google Patents

... 3 showing a man -agement node managing the **set-up** ofthe cross ... to an outgoing one of said segmentsto configure the hybrid ... so as to couple each of the **ADM** nodes to ...Cited by 37 - Related Articles - Web Search**Optical digital cross-connect system using photonic switch matricesand optical amplifiers - group of 5 »**

T Shiragaki, M Fujiwara, S Suzuki, C Burke, T ... - Lightwave Technology, Journal of, 1994 - ieeexplore.ieee.org

... I Working fiber (C) **ADM** : Add /Drop Mux DCS : **Digital Cross** ... That is because optical DCS could **set up** more various detours. ... The experimental **setup** is shown in Fig ...Cited by 4 - Related Articles - Web Search - BL Direct**Transport network involving a reconfigurable WDM network layer-aEuropean demonstration - group of 4 »**

S Johansson - Lightwave Technology, Journal of, 1996 - ieeexplore.ieee.org

... pm network is equipped with STM-4 **ADM**'s and ... Optical protection paths can be **set up** within the optical ... and its elements, for example, to configure the network ...Cited by 31 - Related Articles - Web Search - BL Direct**Interconnecting communications networks - group of 3 »**

FR Jahromi - US Patent 5,416,768, 1995 - Google Patents

Page 1. United States Patent Jahromi [54] INTERCONNECTING COMMUNICATIONS NETWORKS [75] Inventor: Fazlolia R. Jahromi, Chelsmford ...

Cited by 16 - Related Articles - Web Search**Service applications for SONET DCS distributed restoration - group of 4 »**

J Sosnosky - Selected Areas in Communications, IEEE Journal on, 1994 - ieeexplore.ieee.org

... intermediate nodes (eg, Add-Drop Multiplex [**ADM**] type nodes ... Note that private line data circuits **set up** as "full ... public service using no call **setup** or teardown ...Cited by 35 - Related Articles - Web Search - BL Direct**Trends in Layered Network Management of ATM, SONET, and WDM**

Technologies For Network Survivability ... - group of 3 »

R Doverspike - Journal of Network and Systems Management, 1997 - Springer
 ... Add-Drop Multiplexers (ADMs) and **Digital Cross-Connect** Systems (DCSs ... DCS networks
 (logical layer), SONET **ADM** networks (system ... or soft-PVC re-set-up methods for ...
 Cited by 11 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Northern California region privately owned telecommunicationsnetwork

HJ Harvey - Communications, 1992. ICC 92, Conference record, SUPERCOMM/ ..., 1992 -
 ieeexplore.ieee.org
 ... California Region has elected to install IBM/ROLM ... The VAX minicomputer will in-turn
set up the proper ... connections via a DSC **digital cross-connect** switch that ...
[Web Search](#) - [BL Direct](#)

An Analysis of Alternative Architectures for the Interoffice Network - group of 5 »

M Kerner, HL Lemberg, DM Simmons - IEEE Journal on Selected Areas in Communications,
 1986 - ieeexplore.ieee.org
 ... this architecture is the deployment of a high-speed **digital cross connect** system
 (DCS 3 ... This assumes labor costs of \$30/h. Travel and **setup** time ... **ADM** cost: \$14 300 ...

Cited by 10 - [Related Articles](#) - [Web Search](#)

A network control architecture for bandwidth management

BJ Wilson, RD Doverspike - Communications, 1992. ICC 92, Conference record,
 SUPERCOMM/ ..., 1992 - ieeexplore.ieee.org
 ... analo- gous to the process of call **set-up**. ... DCC - Data Communications Channel **ADM** -
 Add-Drop ... Central Office WDCS - Wideband **Digital Cross-Connect** System Figure 1 ...
[Related Articles](#) - [Web Search](#) - [BL Direct](#)

DCS mesh architecture with distributed control: Risk and cost

Y Kane-Esrig, M Azuma, D Kobayashi - Communications, 1993. ICC 93. Geneva. Technical
 Program, ..., 1993 - ieeexplore.ieee.org
 ... scenarios: need to purchase and install (1) electronics ... the DOS mesh architecture
 a **Digital Cross- connect** System (DCS ... an Add Drop Multiplexor (**ADM**) is placed ...
[Related Articles](#) - [Web Search](#) - [BL Direct](#)

Emerging technologies for fiber network survivability - group of 4 »

TH Wu - Communications Magazine, IEEE, 1995 - ieeexplore.ieee.org
 ... At the hub, a **digital cross-connect** system (DCS) partitions incoming traffic by
 destination and routes channels, overfiber, to the appropriate end office. ...
 Cited by 100 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

ATM VP-Based Broadband Networks for Multimedia Seivices

VPT Network - IEEE Communications Magazine, 1993 - ieeexplore.ieee.org
 ... of a path- layer management scheme that utilizes intelligent **digital cross-connect**
 systems is ... STM LT-MUX LT-MUX ATM SLT XC: ATM crOsscoboastst system **ADM** AIM
 add ...
[Web Search](#)

Dynamically reconfigurable time-space-time digital switch and network - group of 4 »

AA Collins... - US Patent 4,797,589, 1989 - Google Patents
 ... Atpresent, there is abelated effort to install digital switches an outmoded 1877
 structural conceptand obsolete 64-kb/s T1-D4 copper wirebased carrier channels ...

[Cited by 32](#) - [Related Articles](#) - [Web Search](#)

[\[book\] Optical Fiber Telecommunications III - group of 3 »](#)

IP Kaminow, TL Koch - 1997 - books.google.com

Page 1. OPTICAL FIBER TELECOMMUNICATIONS IIIA Th ± On e lllllllllllllllllllllll

WP4WT-GSH-XD6G Page 2. OPTICAL FIBER TELECOMMUNICATIONSIIIA ...

[Cited by 94](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[Self-healing bidirectional logical-ring network using crossconnects - group of 2 »](#)

NB Sandesara - US Patent 5,179,548, 1993 - Google Patents

... "Wideband and Broadband **Digital Cross-Connect** Sys- tems ... the **ADM**, respectively; ... ring

network employed crossconnect nodes to configure unidirectional ring ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#)

[Switched high-speed service-architecture and impacts - group of 3 »](#)

MA Lazer - INFOCOM'92. Eleventh Annual Joint Conference of the IEEE ..., 1992 - [ieeexplore.ieee.org](#)

... of potentially reduced transmission costs), and **setup** time. ... Connection **set-up** and tear-down signaling uses DTMF tones. ... of the Add-Drop Multiplexer (**ADM**) in the ...

[Web Search](#)

[Self-healing rings in a synchronous environment](#)

I Haque, W Kremer, K Raychaudhuri - LTS, IEEE [see also IEEE LCS], 1991 -

[ieeexplore.ieee.org](#)

Page 1 30 0t63-6804!91/\$O1.O() 1991sy IEEE IEEE LTS • November 1991 Self-Healing Rings in a Synchronous Environment Ring architectures protect networks from ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#)

[Africa ONE: The Africa Optical Network](#)

ATT Simultaneously - IEEE Communications Magazine, 1996 - [ieeexplore.ieee.org](#)

... it must be affordable, easy to install, and highly ... DCS cross-connect machine at a standard **digital cross-connect** (DSX) level ... An STM.16 (1:1) **ADM** terminates four ...

[Web Search](#)

[for Diverse and Converged Voice and Data Networks - group of 2 »](#)

YS Bagga, A Chaudhury, CE Hird, TC Lee, WW Pretyka ... - Bell Labs Technical Journal, 1999 - [doi.wiley.com](#)

... **ADM** – Add/drop multiplexer ATM – Asynchronous transfer mode DCS – **Digital Cross Connect** System DS1 – Digital signal level 1 (1.544 Mb/s) DS3 ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A Method for Fast ATM Network Survivability](#)

J Anderson, CJ Newton, TH Noh - Bell Labs Technical Journal, 1997 - [doi.wiley.com](#)

... **ADM**—add/drop multiplexer AIS—alarm indication signal ANSI ... calls in the process of being **set up** will be ... B-ISDN) signaling to provide connection **setup** for the ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Full service network](#)

US Patent 5,608,447, 1997 - [images.freepatentsonline.com](#)

... 1 gateway which then manages the **setup** of the ... The illustrated real time encoder is preferably **set up** as a ... to an optional adaptive digital multiplexer (**ADM**) 240 ...

[Cached](#) - [Web Search](#)

Issues on the Design of Survivable Common Channel Signaling Networks - group of 3 »

MM Mostrel - IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, 1994 - ieeexplore.ieee.org

... networks that transport both circuit associated (call **setup**) and noncircuit ... and their interface equipment [multiplexors and **digital cross-connect** systems (DCS ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Cost-effective network evolution - group of 3 »

TH Wu - Communications Magazine, IEEE, 1993 - ieeexplore.ieee.org

... Comm a is s. noses Macseine Septe misc t 199 67 vc vc vc VC VC End node fs or ATM/ADM** EVCINP1 I table I End node function —Call **setup** Call admission ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A high performance switch for OC-12 SONET self-healing ringnetworks - group of 3 »

M Takatori, Y Nakano, Y Ashi, H Fujita, M Mizukami ... - Selected Areas in Communications, IEEE Journal on, 1996 - ieeexplore.ieee.org

... connection, and is used for add-drop multiplexers or **digital cross-connect** systems. Moreover, the switch in the ADM must accommodate working traffic and ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Advanced intelligent network having digital entertainment terminal or the like interacting with ... - group of 3 »

MJ Strauss, RD Farris - US Patent 5,790,173, 1998 - Google Patents

... VIDEO BRIDGING AND INSERTION DEVICE (ADM) ... nectsw i tcn DCS 713to **setup** adownstreambroadbandlink ... tion of **set-up** of both the broadband link and the X.25 ...

[Cited by 23](#) - [Related Articles](#) - [Web Search](#)

ATM VP-based economical transport network architecture formulti-reliability and broadband integrated ...

Y Uematsu, H Ohta, R Iwase, K Watanabe, M Matsuda, ... - ATM Workshop, 1999. IEEE Proceedings, 1999 - ieeexplore.ieee.org

... 2.4 Gbiffs I 10 Gbiffs U M : XC/ADM inMaster Node ... slave nodes and m2 Mbiv s paths are **set-up** between the ... It is more cost-effective to install smaller scale XCs ...

[Related Articles](#) - [Web Search](#)

Availability Modelling and Analysis of Optical Transmission Network Architecture-Results from ... - group of 2 »

T Jakab, D Arato, A Hamel - 6th International Conference on Telecommunication Systems- ..., 1998 - hit.bme.hu

... near future to upgrade existing SDH rings or install new ones ... extract a received signal to an SDH ADM at a ... two logically non adjacent nodes is **set up** via the ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

High availability path design in ring-based optical networks - group of 10 »

WD Grover - Networking, IEEE/ACM Transactions on, 1999 - ieeexplore.ieee.org

... of SONET rings and certain **digital cross-connect** restoration schemes ... two- element failures in the mn **setup** (summarized in ... cross-ring (eg, C1, C4) ADM core or ...

[Cited by 23](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Customer premise wireless distribution of audio-video, control signals and voice - group of 3 »

DL Hylton - US Patent 5,613,190, 1997 - Google Patents

... file is opened and a reserve idle communications port is identified for transmission of the video data to an input node of a **digital cross-connect** switch (DCS ...

[Cited by 37](#) - [Related Articles](#) - [Web Search](#)

CMOS LSI for flexible telecommunication node in broadband ISDN

T Soejima, Y Ezaki, K Iguchi, T Yamamura, M Komaki ... - Communications, 1989. ICC 89, BOSTONICC/89. Conference ..., 1989 - [ieeexplore.ieee.org](#)

... Transfer Mode E, HO-H4 **ADM**: Add Drop ... the frame handling module (FH), the **digital cross-connect** switch (DCS ... MHz, and its propagation delay time, **set-up** time, and ...

[Related Articles](#) - [Web Search](#)

SONET equipment availability requirements

B Lewin - Global Telecommunications Conference, 1989, and Exhibition.' ..., 1989 - [ieeexplore.ieee.org](#)

... pre-SONET environment, suppliers would configure or model ... network element (such as a **Digital Cross- Connect System** [DCS] or Add/Drop Multiplex [ADM]) is to ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Method and system for interfacing an ATM switch and an optical network wherein bandwidth is ... - group of 3 »

N Chang - US Patent 5,867,502, 1999 - Google Patents

... the virtual 2 o channel is **setup** or established by ... The virtual channel is **set up** between at least the ... includes an add-drop multiplexer (**ADM**), or another net ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

TMN architecture for SDH networks using IS-IS routing protocol: design and performances

L Ambrosoli, L Burger, M Huterer - Communication Technology Proceedings, 1996. ICCT'96., 1996 ..., 1996 - [ieeexplore.ieee.org](#)

... 1 INTRODUCTION To **set up** a Telecommunication Management Network (TMN ... Li subdomains

could be: a **digital cross—connect** (DXC) and its attached **ADM—rings**, a ...

[Web Search](#)

Fiber in the loop: where and when is it feasible? - group of 3 »

DP Malley, OK Tonguz - Selected Areas in Communications, IEEE Journal on, 1992 - [ieeexplore.ieee.org](#)

... DPP PRR DIU WDCA TDMA POTS N-ISDN B-ISDN **ADM** CO COD ... Paybaek Period Project Rate of

Return Digital Interface Unit Wideband **Digital Cross Connect** Time Division ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Solutions for Distribution and Network Independence - group of 4 »

MM Clougherty, DE Crowe, KW Javitt, FC Kemmerer, J ... - Bell Labs Technical Journal, 1999 - [doi.wiley.com](#)

... line DSP—digital signal processor DSX-1—**digital cross connect** 1; electrical ... **ADM** – Add/drop multiplexer AIU – Access Interface Unit ATM – Asynchronous ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Intelligent peripheral in video dial tone network - group of 2 »

DF Wheeler Jr - US Patent 5,583,920, 1996 - Google Patents

... also receives broadband digital signals for downstream transport over the ADSL line 703 to each subscriber's premises from a **digital cross connect** switch 713 ...

[Cited by 131](#) - [Related Articles](#) - [Web Search](#)

Level 1 gateway for video tone networks - group of 2 »

R Lightfoot, W Goodman - US Patent 5,682,325, 1997 - Google Patents

... LI to (**set up** ... and a reserve idle communications port is identified for transmission of the video data to an input node of a **digital cross-connect** switch (DCS ...[Cited by 14](#) - [Related Articles](#) - [Web Search](#)Customer premise wireless distribution of audio-video, control signals and voice using CDMA - group of 2 »

DL Hylton, S Olsen, W Burton, D Lichtenwalner - US Patent 5,613,191, 1997 - Google Patents

... file is opened and a reserve idle communications port is identified for transmission of the video data to an input node of a **digital cross-connect** switch (DCS ...[Cited by 41](#) - [Related Articles](#) - [Web Search](#)Transaction implementation in video dial tone network - group of 2 »

JW Seazholtz, A McAllister - US Patent 5,594,789, 1997 - Google Patents

... to each subscriber's premises from a **digital cross connect** switch 713 ... nect switch DCS 713 to **setup** a downstreambroadbandlink ... Comple -tion of **set-up** of both the ...[Cited by 44](#) - [Related Articles](#) - [Web Search](#)Applications of software fault tolerance testing methodology

SY Wang, SE Meyer, DR Saxena - Global Telecommunications Conference, 1996.

GLOBECOM'96.' ..., 1996 - [ieeexplore.ieee.org](#)... Add-Drop Multiplexer and one **Digital Cross- Connect** system), and ... Configuration B consist of two **ADM** rings from ... time includes the time to **setup** the environment ...[Related Articles](#) - [Web Search](#) - [BL Direct](#)Customer premise wireless distribution of broad band signals and two-way communication of control ... - group of 2 »

DL Hylton, S Olsen, W Burton, D Lichtenwalner - US Patent 5,630,204, 1997 - Google Patents

Page 1. United States Patent US005630204A [il] Patent Number: [45] Date of Patent: Hylton et al. [54] CUSTOMER PREMISE WIRELESS DISTRIBUTION ...

[Cited by 56](#) - [Related Articles](#) - [Web Search](#)Hierarchical self-healing rings - group of 3 »J Shi, JP Fonseca - IEEE/ACM Transactions on Networking (TON), 1995 - [portal.acm.org](#)... 1]-[4]. Mesh restoration uses **digital cross-connect** systems to ... corresponding add and drop multiplexer (**ADM**) at that ... HSHR structure with $n = mk$; Configure the (k ...[Cited by 24](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Voice over Wide Area Packet Networks - group of 3 »BT Doshi, EJ Hernandez-Valencia, K Sriram, YT Wang ... - Bell Labs Technical Journal, 1998 - [doi.wiley.com](#)... type 5 ABR—available bit rate **ADM**—add-drop ... work facilities and to control call **setup** delay ... ATM Used As a Replacement of **Digital Cross Connect** (DCS) Network ...[Cited by 4](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Modular optical cross-connect architecture with optical wavelength switching - group of 6 »

R Sabella - US Patent 5,739,935, 1998 - Google Patents

... The **digital cross-connect** node performs such functions as ... with a first embodiment of the present invention; w multipkxer (**ADM**) 16 access to ^ broadband-ISDN ...[Cited by 28](#) - [Related Articles](#) - [Web Search](#)

[Video and TELCO network control functionality - group of 5 »](#)

RD Farris, DL Bartholomew - US Patent 5,592,477, 1997 - Google Patents

... each subscriber's premises from a **digital cross connect** switch 713 ... nect switch DCS 713 to **setup** adownstreambroadbandlink from ... Comple -tion of **set-up** of both the ...[Cited by 133](#) - [Related Articles](#) - [Web Search](#)[\[BOOK\] A Spare Capacity Planning Methodology for Wide Area Survivable Networks - group of 3 »](#)

AA Al-Rumaih - 1999 - books.google.com

Page 1. A Spare Capacity Planning Methodology For Wide Area Survivable Networks

By Adel A1-Rumaih Page 2. A Spare Capacity Planning Methodology ...

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RD Doverspike, S Phillips, AR Westbrook - IEEE Communications Magazine, 1999 - akpublic.research.att.com

... TDM equipment modeled are the Wideband **Digital Cross-connect** System (W ... between theATM switch and SONET **ADM** in the ... where ADMs can be placed to configure one or ...[Cited by 26](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)[Resource Management for Fault Tolerant Path Structures in SONET Ring Networks - group of 3 »](#)

WD Grover - Journal of Network and Systems Management, 1999 - Springer

... point-to-point systems, and certain **digital cross-connect** restoration schemes over a ... To add the matched node **setup** to the {Wa} path, the **ADM** core consump ...[Cited by 1](#) - [Related Articles](#) - [Web Search](#)[Integrating proprietary managed PDH networks using TMN-basedplatforms](#)

C Guerrero, D Sanchez, V Carneiro, A Vina, J Coego - Enterprise Networking Mini-Conference, 1997. ENM-97. In ..., 1997 - ieeexplore.ieee.org

... **ADM**: AncVDrop Multiplexor DXC **Digital Cross-Connect** EDCC: End **Digital Cross-Connect**

STM: Synchronous Transport Module 41 " BS: Base Station ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)[An analytical cost model for the national core network - group of 2 »](#)

F Schmidt, FG Lpez, K Hackbarth, A Cuadra - consultative document, Wissenschaftliches Institut fr ..., 1999 - bundesnetzagentur.de

... **ADM** Add-Drop Multiplexer ... DX Abbreviation for **digital cross connect** ... In all cases, theconnection between the interconnected networks may be **set up** on different ...[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[Wireless video distribution - group of 2 »](#)

DL Hylton, S Olsen, W Burton, D Lichtenwalner - US Patent 5,793,413, 1998 - Google Patents

Page 1. [21] Appi. No.: 560,786 [22] Filed: Nov. 21, 1995 Related US Application

Data [63] Continuation-ja-part of Ser. No. 431,940, May 1, 1995. [51] Int. Cl. ...

[Cited by 24](#) - [Related Articles](#) - [Web Search](#)[\[PS\] NETWORK AND PROTOCOL DESIGN FOR SURVIVABLE](#)

RE COTTER - 1999 - cstp.umkc.edu

... **ADM** Add / Drop Multiplexer ATM Asynchronous Transfer Mode BISDN Broadband Integrated

Services Digital Network CCN Cross-connect Node DCS **Digital Cross-connect** ...
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Architectural model for SONET end-to-end management with object-oriented approach

T Nishida, S Hasegawa, A Kanesama - Global Telecommunications Conference, 1989, and Exhibition.' ..., 1989 - [ieeexplore.ieee.org](#)

... A logical link possesses two kinds of end-points: 1) a termination point in an NE (Network Element), such as Wideband- DCS (**Digital Cross-Connect System**), OLTM ...

[Related Articles](#) - [Web Search](#)

Access subnetwork controller for video dial tone networks - group of 4 »

JA Bigham, RS Lightfoot, WD Goodman, UE Arthur, E ... - US Patent 5,740,075, 1998 - [Google Patents](#)

... REPLY i **SET-UP MSG** (CONNECTION ... ASNC) Adaptive Digital Multiplexer (**ADM**) Asymmetrical

Digital ... Customer Premises Equipment (CPE) **Digital Cross-connect Switch** (DCS ...

Cited by 51 - [Related Articles](#) - [Web Search](#)

Future Transport Network

RD Doverspike, S Phillips, JR Westbrook - IEEE Communications Magazine, 1999 - [ieeexplore.ieee.org](#)

... 48 (two paths) OC-48 DCS-313 **Digital cross-connect system**. ... links between the ATM switch and SONET **ADM** in the ... nodes where ADMs can be placed to configure one or ...

[Related Articles](#) - [Web Search](#)

ATM Core Network Design

DG Nielsen - 1998 - [dan.nielsen.dk](#)

... 4.12 Block diagram of the ASIC test **setup** meshed networks, where nodes are **Digital**

Cross-connect Systems (DCSs ... Rings can be **set up** within the meshed network ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Fault location operating system with loopback - group of 2 »

KC Chang, CE Elkins, PA Marshall, DE Dunwoodie, MM ... - US Patent 5,010,544, 1991 - [Google Patents](#)

Page 1. United States Patent Chang et al. [il] Patent Number: [45] Date of Patent: [54] **FAULT LOCATION OPERATING SYSTEM WITH LOOPBACK** ...

Cited by 27 - [Related Articles](#) - [Web Search](#)

Adaptive DS1 frame format conversion device for remotely monitoring and testing the performance of ... - group of 3 »

PR Hartmann, RL Behr, GA Wissing, RG Young, RA ... - US Patent 5,566,161, 1996 - [Google Patents](#)

... oftisted wire pairs and repeaters, multiplexers, **Digital Cross-connect Systems** (DCS ... the DSI signal (in a DCS or **ADM**) in 55 ... The LECs install the NIUs 50 at the ...

Cited by 23 - [Related Articles](#) - [Web Search](#)

PCS System Design

RM Nee, AT ICC - IEEE Communications Magazine, 1996 - [ieeexplore.ieee.org](#)

... 1100% software configurable **set-up**, PCI "Plug & Play" -w L 5 year warranty Wide area connectivity solutions since 1983. Call 1-800-EMULEX1 today. ...

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Redundant trees for preplanned recovery in arbitrary vertex-redundant or edge-redundant graphs - group of 10 »

M Medard, SG Finn, RA Barry, RG Gallager - Networking, IEEE/ACM Transactions on, 1999 - ieeexplore.ieee.org

... set for dynamic distributed restoration using **digital cross-connect** systems (DCS ... incurred up front at connection **setup** time ... of the delay to **set up** the connection ...

[Cited by 79](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Method and apparatus for adopting performance report messages in a telecommunications system - group of 3 »

ET Ellebracht, PR Hartmann, RA Hecker, KT Pope, MA ... - US Patent 5,774,456, 1998 - Google Patents

Page 1. United States Patent Ellebracht et al. [54] METHOD AND APPARATUS FOR ADOPTING

PERFORMANCE REPORT MESSAGES IN A TELECOMMUNICATIONS SYSTEM ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

An Optical FDM-Based Self-Healing Ring Network Employing Arrayed Waveguide Grating Filters and EDFA ... - group of 2 »

H Toba, K Oda, K Inoue, K NON, T Kitoh - IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, 1996 - ieeexplore.ieee.org

... SYSTEM PERFORMANCE Optical frequency allocation for the 1 x 2 **ADM** demonstration network is summarized ... Fig. 4 shows a photograph of the experimental **setup**. ...

[Cited by 21](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Network restorability design using pre-configured trees, cycles, and mixtures of pattern types - group of 3 »

D Stamatelakis, WD Grover - TR Labs, Edmonton, AB, Canada, Tech. Rep. TR-1999-05, 1999 - netsys.edm.trlabs.ca

... is the most efficient way to pre-configure and store ... **cross-connect** systems (DCS) to make the required connections, even if ... the DCS to perform the **ADM**-like node ...

[Cited by 19](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

System for cross-connecting high speed digital signals - group of 2 »

DC Upp, WT Cochran - US Patent 5,040,170, 1991 - Google Patents

Page 1. United States Patent Upp et al. [il] Patent Number: [45] Date of Patent:

5,040,170 Aug. 13, 1991 [54] SYSTEM FOR CROSS-CONNECTING ...

[Cited by 74](#) - [Related Articles](#) - [Web Search](#)

Method and apparatus for signal routing in an optical network and an ATM system - group of 2 »

N Chang - US Patent 5,920,412, 1999 - Google Patents

... additional ring functionality, and preferably includes an add-drop multi-plexor (**ADM**), or another network element such as a **digital cross-connect** system (DCS ...

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Survivability Architectures for Service Independent Access Points to Multiwavelength Optical Wide ... - group of 10 »

A Nagarajan - 1995 - itc.ku.edu

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Multiwavelength Optical Wide Area Networks by Ananth Nagarajan ...

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